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(21) Application number : 11-297372 (71) Applicant : IDEMITSU PETROCHEM CO LTD

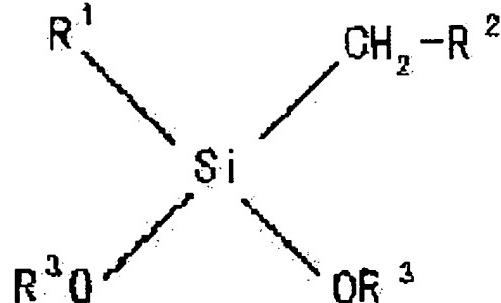
(22) Date of filing : 19.10.1999 (72) Inventor : SADASHIMA TAKANORI
KATAYAMA KIYOKAZU
OBATA HIROSHI
OTA TAKESHI
FUNABASHI HIDEO

(54) POLYMERIZATION CATALYST FOR OLEFIN, METHOD FOR PRODUCING OLEFIN POLYMER AND OLEFIN POLYMER

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a new polymerization catalyst for an olefin capable of providing an olefin polymer having high melt fluidity by little hydrogen.

SOLUTION: This polymerization catalyst for the olefin is composed of (A) a preparatory polymerization catalyst ingredient prepared by bringing olefins into contact in the presence of (a) a solid catalyst ingredient obtained by bringing titanium tetrachloride and a magnesium compound into contact with a dialkyl phthalate, (b) an organometallic compound and (c) an organosilicon compound represented by general formula (1) (R¹ denotes a 3-12C alicyclic hydrocarbon; R² denotes a 3-20C branched hydrocarbon; and R³ denote a 1-20C hydrocarbon), (B) the organometallic compound and (C) an organosilicon compound which has Si-O-C bond and different from the compound (c).



LEGAL STATUS

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